

THICKNESS OF UNCONSOLIDATED DEPOSITS OF MOORESVILLE WEST QUADRANGLE, INDIANA



Mapped, edited, and published by the Geological Survey
 Revised in cooperation with Indiana Department of
 Natural Resources
 Control by USGS, USC&GS, and Indiana Flood Control and Water
 Resources Commission
 Topography by photogrammetric methods from aerial photographs
 taken 1953. Field checked 1955. Revised 1965
 Polyconic projection
 10,000-foot grid based on Indiana coordinate system, west zone
 1000-meter Universal Transverse Mercator grid ticks, zone 16,
 shown in blue. 1927 North American Datum
 To place on the predicted North American Datum 1983
 move the projection lines 2 meters south
 as shown by dashed corner ticks
 Fine red dashed lines indicate selected fence and field lines where
 generally visible on aerial photographs. This information is unchecked

SCALE 1:24,000
 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 CONTOUR INTERVAL 10 FEET
 ROAD CLASSIFICATION
 Heavy-duty Light-duty
 Medium-duty Unimproved dirt
 State Route
 Interstate Route

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
 FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
 AND INDIANA DEPARTMENT OF NATURAL RESOURCES, INDIANAPOLIS, INDIANA 46204
 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

MOORESVILLE WEST, IND.
 N3930—W8622 5/7.5
 PHOTONSPECTED 1983
 1965
 PHOTOREVISED 1980
 DMA 3763 III SW—SERIES V851

This map was created by Glenn Grove, IDNR, Division of Water, Ground Water Section. The digital elevation grid of the
 bedrock surface was subtracted from the grid of the land surface and the resultant grid contoured in ArcInfo. The land
 surface elevation grid is from 1:24,000 scale digital hypsography by the U.S. Geological Survey, Reston, Virginia, 1999
 and 2001. The bedrock surface elevation grid is from a digital map of the bedrock surface topography of Hendricks
 County. The bedrock surface contouring was done by William Herring and Marvin Thompson, IDNR, Division of Water, Ground
 Water Section, 1999, at a scale of 1:24,000.
 Contour interval = 25 feet.

Map generated by Glenn E. Grove
 IDNR, Division of Water, Ground Water Section
 June 22, 2001

